

## Freeform Search

Database: US Pre-Grant Publication Full-Text Database  
US Patents Full-Text Database  
US OCR Full-Text Database  
EPO Abstracts Database  
JPO Abstracts Database  
Derwent World Patents Index  
IBM Technical Disclosure Bulletins

Term:

L48 and electromigrat\$4

Display: 10 Documents in Display Format: TI Starting with Number 1

Generate: ☐ Hit List ☒ Hit Count ☐ Side by Side ☐ Image

Search

Clear

Interrupt

### Search History

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<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
	<i>DB=USPT; PLUR=YES; OP=OR</i>		
<u>L49</u>	L48 and electromigrat\$4	0	<u>L49</u>
<u>L48</u>	inductor and l45	10	<u>L48</u>
<u>L47</u>	L45 and "148a"	2	<u>L47</u>
<u>L46</u>	L45 and 148	0	<u>L46</u>
<u>L45</u>	inductor same (((("dual layer" or "dual layered" or "multilayer" or "multilayered") near4 (conductor)) near 10 (TaN near3 Ta))	10	<u>L45</u>
<u>L44</u>	inductor and (((("dual layer" or "dual layered" or "multilayer" or "multilayered") near4 (conductor)) near 7 (TaN near3 Ta))	50	<u>L44</u>
<u>L43</u>	inductor and (((("dual layer" or "dual layered" or "multilayer" or "multilayered") near4 (conductor)) near 10 (TaN near3 Ta))	49	<u>L43</u>
<u>L42</u>	"ferroelectric conductor"	11	<u>L42</u>
<u>L41</u>	ferroelectric near2 conductor	107	<u>L41</u>
<u>L40</u>	ferroelectric near5 conductor	247	<u>L40</u>
<u>L39</u>	6852605	1	<u>L39</u>
<u>L38</u>	L37	0	<u>L38</u>

*DB=PGPB; PLUR=YES; OP=OR*

<u>L37</u>	"conductive liner" and 6054329	0	<u>L37</u>
<u>L36</u>	L35 and core	1	<u>L36</u>
<u>L35</u>	20050167780	1	<u>L35</u>

*DB=USPT; PLUR=YES; OP=OR*

<u>L34</u>	L3 and "core inductor"	0	<u>L34</u>
<u>L33</u>	5793272	56	<u>L33</u>

*DB=PGPB; PLUR=YES; OP=OR*

<u>L32</u>	L31 and inductor	52	<u>L32</u>
<u>L31</u>	L30 and extend\$5	52	<u>L31</u>
<u>L30</u>	L29 and contact	65	<u>L30</u>
<u>L29</u>	L28 and (("lower portion" or "lower surface") near7 ("upper portion" or "upper surface"))	87	<u>L29</u>
<u>L28</u>	L27 and ((dielectric or passivation or insulat\$5) near7 ("lower portion" or "lower surface"))	121	<u>L28</u>
<u>L27</u>	("upper portion" or "upper surface") and ("lower portion" or "lower surface") and L25	949	<u>L27</u>
<u>L26</u>	"upper surface" and ("lower surface") and L25	646	<u>L26</u>
<u>L25</u>	inductor	14556	<u>L25</u>
<u>L24</u>	20020197844	1	<u>L24</u>
<u>L23</u>	20030067052	1	<u>L23</u>
<u>L22</u>	20020172025	1	<u>L22</u>
<u>L21</u>	us20020172025	0	<u>L21</u>

*DB=USPT; PLUR=YES; OP=OR*

<u>L20</u>	5793272	56	<u>L20</u>
<u>L19</u>	6323128	12	<u>L19</u>
<u>L18</u>	6333559	2	<u>L18</u>
<u>L17</u>	6335104	13	<u>L17</u>
<u>L16</u>	6368484	9	<u>L16</u>
<u>L15</u>	6444517	8	<u>L15</u>
<u>L14</u>	6457234	4	<u>L14</u>
<u>L13</u>	L12	9	<u>L13</u>
<u>L12</u>	6534374	9	<u>L12</u>
<u>L11</u>	6551931	2	<u>L11</u>
<u>L10</u>	5793272	56	<u>L10</u>
<u>L9</u>	5884990	57	<u>L9</u>
<u>L8</u>	6054329	24	<u>L8</u>
<u>L7</u>	6114937	26	<u>L7</u>
<u>L6</u>	6133136	7	<u>L6</u>
<u>L5</u>	6187680	19	<u>L5</u>
<u>L4</u>	6251528	9	<u>L4</u>
<u>L3</u>	6297140	5	<u>L3</u>

L2 L1 and inductor

1 L2

L1 6852605

1 L1

END OF SEARCH HISTORY

## Refine Search

### Search Results -

Terms	Documents
inductor same (liner\$ near6 (Au or Ni))	0

Database:

US Pre-Grant Publication Full-Text Database  
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Search:

L53 ▲  
▼





### Search History

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<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=JPAB; PLUR=YES; OP=OR</i>			
L53	inductor same (liner\$ near6 (Au or Ni))	0	L53
<i>DB=EPAB; PLUR=YES; OP=OR</i>			
L52	inductor same (liner\$ near6 (Au or Ni))	0	L52
<i>DB=USPT; PLUR=YES; OP=OR</i>			
L51	inductor same (liner\$ near6 (Au or Ni))	0	L51
L50	5793272	56	L50
L49	L48 and electromigrat\$4	0	L49
L48	inductor and l45	10	L48
L47	L45 and "148a"	2	L47
L46	L45 and 148	0	L46
L45	inductor same (((("dual layer" or "dual layered" or "multilayer" or "multilayered") near4 (conductor)) near 10 (TaN near3 Ta))	10	L45
	inductor and (((("dual layer" or "dual layered" or "multilayer" or		

<u>L44</u>	"multilayered") near4 (conductor)) near 7 (TaN near3 Ta))	50	<u>L44</u>
<u>L43</u>	inductor and (((("dual layer" or "dual layered" or "multilayer" or "multilayered") near4 (conductor)) near 10 (TaN near3 Ta))	49	<u>L43</u>
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<u>L36</u>	L35 and core	1	<u>L36</u>
<u>L35</u>	20050167780	1	<u>L35</u>
<i>DB=USPT; PLUR=YES; OP=OR</i>			
<u>L34</u>	L3 and "core inductor"	0	<u>L34</u>
<u>L33</u>	5793272	56	<u>L33</u>
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<u>L25</u>	inductor	14556	<u>L25</u>
<u>L24</u>	20020197844	1	<u>L24</u>
<u>L23</u>	20030067052	1	<u>L23</u>
<u>L22</u>	20020172025	1	<u>L22</u>
<u>L21</u>	us20020172025	0	<u>L21</u>
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<u>L12</u>	6534374	9	<u>L12</u>
<u>L11</u>	6551931	2	<u>L11</u>

L10 5793272  
L9 5884990  
L8 6054329  
L7 6114937  
L6 6133136  
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L2 L1 and inductor  
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56 L10  
57 L9  
24 L8  
26 L7  
7 L6  
19 L5  
9 L4  
5 L3  
1 L2  
1 L1

END OF SEARCH HISTORY